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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known	
Application Number	10/680,391
Filing Date	October 7, 2003
First Named Inventor	Ford B. Grigg
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	2269-3933.3US (99-0086.03/US)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
C. C.		US-5,734,201	03/31/1998	Djennas et al.	
C. C.		US- 6,529,027 B1	03/04/2003	Akram et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
C. C.		JP 199716954	01/1997	Sato et al.		X

Examiner Signature		Date Considered	12/7/04

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[1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known	
Application Number	10/680,391
Filing Date	October 7, 2003
First Named Inventor	Ford B. Grigg
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	2269-3933.3US (99-0086.03/US)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
C. C.		Salmon, E., "UV Cure Epoxies for Electronic Encapsulation," Proceedings of NEPCON West 98, Vol. 2, pp. 797-812, 1998.	

Examiner Signature		Date Considered	12/7/04

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
2269-3933.3US (99-0086.03/US)	10/680,391
Applicant **Ford B. Grigg**	
Filing Date **October 7, 2003**	Group Art Unit **2815**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.C.	4,143,456	03/1979	Inoue	29	841	Jun. 20, 1977
C.C.	4,218,701	08/1980	Shirasaki	257	778	Jul. 24 1978
C.C.	4,843,036	06/1989	Schmidt et al.	438	64	Jun. 29, 1987
C.C.	5,173,220	12/1992	Reiff et al.	264	401	Apr. 26, 1991
C.C.	5,259,793	11/1993	Yamada et al.	439	637	Aug. 21, 1992
C.C.	5,264,061	11/1993	Juskey et al.	156	214	Oct. 22, 1992
C.C.	5,278,442	01/1994	Prinz et al.	257	417	Jul. 15, 1991
C.C.	5,336,931	08/1994	Juskey et al.	257	787	Sep. 3, 1993
C.C.	5,484,314	01/1996	Farnworth	445	24	Oct. 13, 1994
C.C.	5,574,310	11/1996	Sono et al.	257	696	Jun. 7, 1995
C.C.	5,705,117	01/1998	O'Connor et al.	264	401	Mar. 1, 1996

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	CLASS	SUBCLASS	Translation YES	Translation NO
C.C.	EP 0692823-A1	11/1994	Selna	—	—		
C.C.	JP 199716954	01/1997	Sato et al.	—	—	X	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

C.C.		Edwards et al., "Thermal Performance of Tape Based Ball Grid Array Over Moded Packages," 14th IEEE Semi-Therm Symposium, 0-7803-4486, 3/98, pp. 169-175.

EXAMINER [signature] DATE CONSIDERED 12/7/04

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number (Optional)	Application Number
2269-3933.3US (99-0086.03/US)	10/680,391
Applicant **Ford B. Grigg**	
Filing Date **October 7, 2003**	Group Art Unit **2815**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.C.	5,714,800	02/1998	Thompson	257	690	Mar. 21, 1996
C.C.	5,714,802	02/1998	Cloud et al.	257	726	Mar. 31, 1994
C.C.	5,719,440	02/1998	Moden	257	697	Dec. 19, 1995
C.C	5,767,443	06/1998	Farnworth et al.	174	50	Dec. 12, 1994
C.C.	5,793,116	08/1998	Rinne et al.	257	777	May 29, 1996
C.C.	5,834,830	11/1998	Cho	257	667	Jan. 19, 1996
C.C.	5,866,949	02/1999	Schueller	257	778	Oct. 8, 1997
C.C.	5,920,118	07/1999	Kong	257	684	Dec. 17, 1997
C.C.	5,965,933	10/1999	Young et al.	257	621	May 28, 1996
C.C.	5,977,640	11/1999	Bertin et al.	257	777	Jun. 26, 1998
C.C.	5,994,166	11/1999	Akram et al.	438	108	Mar. 10, 1997

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: C.C.

DATE CONSIDERED: 12/7/04

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number (Optional)	Application Number
2269-3933.3US (99-0086.03/US)	10/680,391
Applicant **Ford B. Grigg**	
Filing Date **October 7, 2003**	Group Art Unit **2815**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.C.	5,999,413	12/1999	Ohuchi et al.	361	772	Dec. 15, 1997
C.C.	6,013,946	01/2000	Lee et al.	257	684	Mar. 31, 1997
C.C.	6,091,140	07/2000	Toh et al.	257	691	Oct. 23, 1998
C.C.	6,124,407	09/2000	Lee et al.	525	478	Oct. 28, 1998
C.C.	6,222,263	04/2001	Sherif et al.	257	704	Oct. 19, 1999
C.C.	6,239,013	05/2001	Hotchkiss	438	616	Feb. 19, 1999
C.C.	6,300,165	10/2001	Castro	438	118	Jan. 18, 2001
C.C.	6,372,552	04/2002	Kinsman et al.	438	124	Aug. 31, 2001
C.C.	6,380,557	04/2002	Takahara	257	48	Dec. 1, 2000
C.C.	6,448,664	09/2002	Tay et al.	257	780	Nov. 13, 2001
C.C.	6,489,183	12/2002	Farnworth	438	112	Jul. 20, 2000
C.C.	6,522,019	02/2003	Tay et al.	257	780	May 21, 2002

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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Sheet 1 of 3

Complete if Known	
Application Number	10/680,391
Filing Date	October 7, 2003
First Named Inventor	Ford B. Grigg
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3933.3US (99-0086.03/US)

U.S. PATENT DOCUMENTS

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C.C.		US-6,251,488	06/26/01	Miller et al.	
C.C		US- 6,259,962	07/10/01	Gothait	
C.C.		US- 6,268,584	07/31/01	Keicher et al.	
C.C.		US- 6,391,251	05/21/02	Keicher et al.	
C.C.		US- 6,468,891	10/22/02	Williams	
C.C.		US- 6,500,746	12/31/02	Williams	
C.C		US- 6,524,346	02/25/03	Farnworth	
C.C.		US- 6,537,842	03/25/03	Akram	
C.C.		US- 6,544,902	04/08/03	Farnworth	
C.C.		US- 6,611,053	08/26/03	Akram	
C.C		US- 6,632,732	10/14/03	Williams	
C.C		US- 6,634,100	10/21/03	Akram et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	12/7/04

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Sheet 2 of 3

Complete if Known	
Application Number	10/680,391
Filing Date	October 7, 2003
First Named Inventor	Ford B. Grigg
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3933.3US (99-0086.03/US)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
C.C.		U.S. Patent Application Publication 2002/0102829 A1 to Williams, dated August 1, 2002	
C.C.		U.S. Patent Application Publication 2002/0111003 A1 to Williams, dated August 15, 2002	
C.C.		U.S. Patent Application Publication 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
C.C.		U.S. Patent Application Publication 2003/0045047 A1 to Williams, dated March 6, 2003	
C.C.		U.S. Patent Application Publication 2003/0098470 A1 to Williams, dated May 29, 2003	
C.C.		U.S. Patent Application Publication 2003/0102566 A1 to Farnworth, dated June 5, 2003	
C.C.		U.S. Patent Application Publication 2003/0141885 A1 to Akram et al., dated July 31, 2003	
C.C		U.S. Patent Application Publication 2003/0151167 A1 to Kritchman et al., dated August 14, 2003	
C.C.		U.S. Patent Application Publication 2003/0180974 A1 to Akram, dated September 25, 2003	
C.C		U.S. Patent Application Publication 2003/0181003 A1 to Akram, dated September 25, 2003	
C.C.		U.S. Patent Application Publication 2003/0186496 A1 to Akram, dated October 2, 2003	

Examiner Signature		Date Considered	12/7/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

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Application Number	10/680,391
Filing Date	October 7, 2003
First Named Inventor	Ford B. Grigg
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3933.3US (99-0086.03/US)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
C.C.		MILLER et al., "Maskless Mesoscale Materials Deposition" , Deposition Technology, September 2001, pages 20-22	
C.C.		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
C.C.		Webpage, Objet Prototyping the Future, "Objet FullCure700 Series", 1 page	
C.C.		Webpage, Objet Prototyping the Future, "How it Works", 2 pages	
C.C		U.S. Patent Application No. 09/511,986, filed February 24, 2000, entitled "Stereolithographically Fabricated Conductive Elements, Semiconductor Device Components and Assemblies Including Such Conductive Elements, and Methods", inventor Vernon M. Williams	
C.C.		U.S. Patent Application No. 10/201,208, filed July 22, 2002, entitled "Thick Solder Mask for Confining Encapsulant Material Over Selected Locations of a Substrate, Assemblies Including the Solder Mask, and Methods", inventor Grigg et al.	
C.C.		U.S. Patent Application No. 10/619,963, filed July 15, 2003, entitled "Stereolithographic Methods for Securing Conductive Elements to Contacts of Semiconductor Device Components", inventor Vernon M. Williams	
C.C.		U.S. Patent Application No. 10/641,471, filed August 14, 2003, entitled "Protective Structures for Bond Wires", inventor Salman Akram	
C.C.		U.S. Patent Application No. 10/648,163, filed August 26, 2003, entitled "Method for Fabricating an Interposer", inventor Akram et al.	
C.C		U.S. Patent Application No. 10/688,354, filed October 17, 2003, entitled "Thick Solder Mask for Confining Encapsulant Material Over Selected Locations of a Substrate and Assemblies Including the Solder Mask", inventor Grigg et al.	

Examiner Signature		Date Considered	12/7/04

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